Title (en)

Staple cartridge tissue thickness sensor system

Title (de)

Gewebedicken-Sensorsystem für Klammermagazin

Title (fr)

Système de capteur d'épaisseur de tissu de cartouche d'agrafes

Publication

EP 2777531 B1 20161116 (EN)

Application

EP 14159078 A 20140312

Priority

- US 201313800067 A 20130313
- US 201313800025 A 20130313

Abstract (en)

[origin: EP2777531A1] A staple cartridge for use in a surgical stapler is disclosed. The staple cartridge comprises a staple body comprising a proximal end and a distal end. A tissue thickness sensing module is positioned adjacent to the distal end of the staple body. The tissue thickness sensing module comprises a controller and a sensor. A power key is located removably adjacent to the staple body. The controller is configured to detect the power key and to maintain the tissue thickness sensing module in a low-power state while the power key is present. When the power key is removed, the controller transitions the tissue thickness sensing module to an active state.

IPC 8 full level

A61B 17/072 (2006.01); **A61B 90/00** (2016.01)

CPC (source: EP US)

A61B 5/1076 (2013.01 - EP US); **A61B 17/068** (2013.01 - US); **A61B 17/0686** (2013.01 - US); **A61B 17/072** (2013.01 - US); **A61B 17/07207** (2013.01 - EP US); A61B 5/0031 (2013.01 - EP US); A61B 90/90 (2016.02 - EP US); A61B 2017/00039 (2013.01 - EP US); A61B 2017/00119 (2013.01 - EP US); A61B 2017/00221 (2013.01 - EP US); A61B 2017/00398 (2013.01 - EP US); A61B 2017/00415 (2013.01 - EP US); A61B 2017/00473 (2013.01 - EP US); A61B 2017/00482 (2013.01 - EP US); A61B 2017/00734 (2013.01 - EP US); A61B 2017/07214 (2013.01 - US); A61B 2017/07271 (2013.01 - EP US); A61B 2090/061 (2016.02 - EP US); A61B 2560/0209 (2013.01 - EP US); A61B 2562/0223 (2013.01 - EP US)

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KR101577625B1; EP3338657A1; EP3508140A1; US10383628B2; WO2016171395A1; WO2018118636A1; WO2019130089A1

Designated contracting state (EPC)

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